



SOCIETY JOURNAL OFF TO GREAT START!

Included with this Newsletter are: Meeting Minutes, Previous Society Awardees, New Members List, Committee Assignments, Microcirculation News, Society By-Laws, and Membership Application

Minutes of the Business Meeting of April 8, 1995

The meeting was brought to order at 5:09pm by the President, Roy Curry in the Georgia World Congress Center. The minutes of 1994 were unanimously approved as circulated in the summer Newsletter.

Dr. Klitzman presented the results of research into the management of our Society by a professional management company. The companies who submitted proposals included Association Management Services, Associated Management Services, ARDEL, FASEB, and PRI. The proposals range significantly in terms of the structuring of fees, the services provided, and overall cost. For the least involved level of administrative services proposed, the administrative charge would be about a \$4,000 annual fee, with postage and phone charges added on as incurred (FASEB would charge \$8,000; twice many of the other companies). For this fee, the company would maintain a centralized mailing list, send newsletters and dues notices (our own officers would still "produce" them), deposit dues and turn them over to the Society Treasurer, and provide a "permanent" office and phone number for inquiries and membership applications to the Society. For each inquiry, the central office would then indicate the appropriate Society officer for further contact. The next level of services would cost about \$8,000 include the above administration, but with additional assistance with meeting site selection and management and advice as to how to "market" our Society. The highest level of administration would

cost \$20,000-24,000 and include all above services, but with aggressive marketing of our Society in journals to generate new members, solicitation of corporations for exhibitors, and requests for donations from private or corporate sources. The Council recommended formation of a four-member committee made up of the President, President-Elect, Secretary, and Treasurer to select a specific company and authorization of this committee to commit to an annual fee of no more than \$5,000 for administrative management of the Society. A motion to this effect was proposed, seconded, and accepted unanimously by the Society. Over the next few months, the interested companies will be informed of our expenditure limit and be asked to indicate the level of services that they would provide for this amount. Ideas and suggestions from the membership is welcomed regarding this important issue and can be directed to Bruce Klitzman.

Tony Hudetz presented the Treasurer's/Finance Committee report and is published on the following pages in this Newsletter. It was accepted unanimously by the membership. It was reported that there were approximately 420 registrants for this year's meeting.

Fred Miller presented the Awards Committee report with awardees as follows: Landis Award, James Bassingthwaighte, University of Washington; Travel Award, Michael Doyle, University of Virginia; IPM Innovative Instrumentation Award, James Hoying, University of Arizona; and August Krogh Young Investigator Award, Leslie Ritter, University of Arizona. A suggestion from Dr. Miller was unanimously endorsed by Council that in future Presidential Awards committee appointments, no more than one representative from a single institution should serve on the committee.

A new award was proposed for the most outstanding contribution to our journal,

Microcirculation, in the recent volume. Chapman & Hall has agreed to fund this award. It was recommended that the name of this award be the Curt Wiederhielm Award. Nominations for this award would be solicited from the reviewers of manuscripts via a check-off box on the review form, with a brief statement to justify why the nominated paper is worthy of the award. In addition, nominations with justification statements should come from the membership. As with all Society awards, the Awards committee will make the selection.

The Council proposed that a contest to design an official Society logo be conducted. Therefore, designs are now being solicited, specifically from students, with the winner to receive a free year's subscription to *Microcirculation*. Designs should be sent to Bruce Klitzman and will be published in an upcoming issue of the Microcirculatory Society Newsletter. Selection of a winner will be made by the membership via a mail ballot. Designs that reproduce well in black and white would be best, although a color version could also be reproduced in some publications, like our journal *Microcirculation*.

Twenty six new members were presented by Frank Reilly to the President and approved by the Council. They were presented to the membership (list on following pages) as indicated by Society By-Laws. A change will be made to the membership application indicating that two nominees need only sign the application form instead of the previously required two letters from the nominees. Since the By-Laws indicate that two regular members shall join in written proposal of an applicant to the President, no change to the By-Laws is required to change the form so that signatures will serve as written a proposal. This should streamline the application process, which now is often slowed down many months awaiting a formal letter from a nominator. In addition, Dr. Reilly suggested that applications be reviewed more than once per year, which would also be permitted by the current By-Laws.

Ann Baldwin announced the results of elections as follows: President-elect, Virginia Huxley, University of Missouri; Secretary, Bruce Klitzman, Duke University; Councillors, William

Jackson, Western Michigan University and Timothy Secomb, University of Arizona. Good luck to these "public servants" of the Society in their coming term of office.

Peter Gaetgens issued a very warm invitation for all microcirculationists to attend the Sixth World Congress of Microcirculation in Munich on August 25-30, 1996. Everyone should have received the first circular announcing the call for papers. Additional material for the meeting should be forthcoming. We all look forward to a most exhilarating program compiled by Dr. Gaetgens and his Scientific Program Committee. He issued a request for symposia suggestions, including recommended speakers. Our Society was invited to sponsor a symposium and plenary lecture. The Zweifach Award lecture will serve as our sponsored plenary lecture. We will also sponsor a symposium; suggestions for our symposium should be addressed to Roy Curry.

The International Blood Vessel meeting will take place in the Seattle area one week after the World Congress of Microcirculation. Our Society was asked to sponsor a symposium at this meeting as well. Unfortunately, resources and timing will not allow us to sponsor a symposium as aggressively as we would otherwise like. However, we are committed to organize and provide speakers for such a symposium within our limited resources.

Mary Gerritsen gave us a summary of the first year of our journal, *Microcirculation*. Subscriptions total 467, including 26 institutional subscriptions. Chapman & Hall has agreed to offer journal subscriptions to members of foreign microcirculation societies for \$45. That represents a considerable savings over the personal subscription rate. Since the first year of *Microcirculation* has now been published, letters have been written to the important indexing databases (Index Medicus and Current Contents) to include our journal. They will consider us at their annual fall meeting. The chances are quite that it will be accepted for indexing since Chapman & Hall is affiliated with Index Medicus. If selected for indexing, they will back-index to include the first volume. At the Publications Committee meeting today, it was suggested that a Clinical Section Editor be appointed to the Journal with a

few Editorial Board members. It was felt that this is one area where our Society is not doing a good job at getting interdisciplinary input. Suggestions should be sent to the Chair of the Publications Committee, Jim Bassingthwaight. All Editorial Board members are now members of our Society, as required.

It was decided that next year's annual meeting will again be held in conjunction with the Experimental Biology '96 in the Washington, D.C. area. Since we are not yet certain about meeting management, we will be investigating the possibility of scheduling the meeting at NIH or at an area hotel separate from the arrangements being made by FASEB. However, we may still meet in conjunction with FASEB and utilize their services. At this point, we are unsure. Any ideas, suggestions, or desires should be passed along to Dr. Klitzman (klitz@acpub.duke.edu or 919-684-6586).

For our annual meeting, we are planning on continuing to make the abstracts and program available via Internet using gopher. Roy Curry and Roger Adamson started a gopher server at UC-Davis last year and Gerry Meininger continued it at Texas A&M this year. If you now are able to surf the Internet, or will be able to surf next year, you should look forward to tapping into this valuable FREE service.

The meeting was adjourned at 6:13pm.

Respectfully Submitted

Bruce Klitzman

LIST OF PREVIOUS SOCIETY AWARDEES

LANDIS AWARD TRAVEL AWARD

- | | | |
|------|----------------|--------------|
| 1970 | JAG Rhodin | |
| 1971 | BW Zweifach | |
| 1972 | CA Wiederhielm | RW Gore |
| 1973 | S Baez | S McCluggage |
| 1974 | | G Grega |
| 1975 | YC Fung | W Joyner |
| 1976 | PC Johnson | RN Pittman |
| 1977 | EM Renkin | AP Shepherd |
| 1978 | FN Chinard | WN Duran |
| 1979 | PA Nicoll | H Lipowsky |

- | | | |
|------|-------------------|-------------|
| 1980 | SS Sobin | J Parker |
| 1981 | H Wayland | P Watson |
| 1982 | CA Goresky | P Kvietys |
| 1983 | S Chien | M Gerritsen |
| 1984 | HL Goldsmith | D Bell |
| 1985 | AE Taylor | I Sarelius |
| 1986 | AC Groom | W Jackson |
| 1987 | D Shepro | G Kramer |
| 1988 | BR Duling | V Huxley |
| 1989 | HA Kontos | M Davis |
| 1990 | NC Staub | S Segal |
| 1991 | | S House |
| 1992 | HJ Granger | J Benoit |
| 1993 | FR Curry | H Dietrich |
| 1994 | G Kaley | M Boegehold |
| 1995 | JB Bassinthaughte | M Doyle |

ZWEIFACH AWARD

- 1979 Christian Crone
- 1984 Eugene Renkin
- 1987 Bjorn Folkow
- 1991 Shu Chien

YOUNG INVESTIGATOR AWARD

- 1984 M Elsworth
- 1985 S House
- 1988 Chung Welch
- 1989 P He
- 1990 L Kuo
- 1991 M Kiani
- 1992 J Falcone
- 1993 A Harris
- 1994 C Merkle
- 1995 L Ritter

IPM INSTRUMENTATION AWARD

- 1989 C Ellis
- 1990 S Pagakis
- 1991 J Beach
- 1993 I Torres-Filho
- 1994 D Berk
- 1995 J Hoying

DRACO AWARD

- 1986 M Townsley

TREASURER'S REPORT

of April 7, 1995 from Dr. Tony Hudetz

FORWARDING BALANCE:

CHECKING (as of 4/21/94) \$105,777
CD Funds \$62,000

Deposits to checking:

Interest \$ 5,688
Exhibitor Charges \$ 2,400
Award Support \$ 500
European Society membership dues \$ 1,668
MCS Membership dues \$ 35,964
Pre-registration for 1995 meeting \$ 27,078
Abstract fees \$ 8,070
TOTAL INCOME \$ 81,367

Payments from checking:

Annual meeting expenses \$ 10,289
Office Supplies \$ 214
Printing program, award certificates \$ 3,987
Mailings \$ 1,166
Bank service charges \$ 327
Fee Refunds \$ 450
Awards and invited speakers \$ 7,200
Tax Reporting \$ 495
Subscriptions payment \$ 11,790
Laser Printer \$ 1,005
PAYMENT TOTAL \$ 36,923
1995-6 Balance for Checking Account \$ 50,221
Assets in Certificates of Deposit \$132,000
Money Market Account \$ 30,000
TOTAL 1995 SOCIETY BALANCE:
CHECKING PLUS CD \$212,221

LIST OF NEW MEMBERS

NEW REGULAR MEMBERS:

Peter Baluk, UC SF, San Francisco, CA
William Carley, Miles Res. Ctr, West Haven, CT
Anthony Cheung, UC-Davis, Sacramento CA
Michael Doyle, U. Virginia, Charlottesville, VA
William Ehringer, U. Louisville, Louisville KY
Hong Gao, LSU Med. Ctr., Shreveport LA
Michael Gimbrone, Harvard Univ., Boston, MA
Norman Harris, LSU Med Ctr, Shreveport LA
Leslie Jones, Med. Col. Georgia, Augusta GA

Makoto Katori, Kitasato U., Kanagawa, Japan
Donald McDonald, UC SF, San Francisco CA
Peggy MacPhee, St. Mary's Hosp., London, UK
Vladimir Mironov, M.U. S. C., Charleston SC
Konrad Messmer, Univ. Munich, Germany
Charles Michel, St. Mary's Hosp., London, UK
Toshio Ohhashi, Shinshu Un., Matsumoto, Japan
Michael Perry, Un. New S. Wales, Sydney, AUS
Tianying Ren, Univ. Michigan, Ann Arbor MI
Dandan Sun, UC Davis, Davis CA
Ulrich van Andrian, Harvard Univ., Boston MA

UPGRADE FROM ASSOCIATE TO REGULAR MEMBERSHIP:

Donna Williams, Univ. Missouri, Columbia, MO

ASSOCIATE MEMBERS:

Michael Apkon, Yale Univ., New Haven, CT
An Huang, NY Med. Col., Valhalla, NY
Fumitaka Ikoma, UC-SD, La Jolla, CA
Judy Miller, Texas A&M, College Station, TX
David O'Drobinak, Med Col Wis, Milwaukee, WI
David Spain, Univ. Louisville, KY

STUDENT MEMBERS:

Jian Hang, Univ. Mississippi, Jackson, MS
Alex Lentsch, Univ. Louisville, Louisville, KY
Ronaldo Rumbaut, Un. Missouri, Columbia MO

EMERITUS MEMBERS:

Alexander Monro, UK

Microcirculatory Society

Committee Assignments 1995-6



COMMITTEE TERM TELEPHONE

Executive Council:

Mary Ellsworth	96	314-577-8236
Mary Townsley	96	205-460-6815
Tom Adair	97	601-984-1806
Chris Ellis	97	519-661-3100
William Jackson	98	616-387-5631
Timothy Secomb	98	602-626-4513

Awards:

Stuart Williams(Chair)	96	602-626-2214
Russell Prewitt	96	804-446-5105
Martha O'Donnell	97	916-752-7626
Joel Bert	97	604-822-3238
Matthew Boegehold	98	304-293-5240
Cynthia Meininger	98	409-845-4753

Finance:

Tony Hudetz (Chair)	96	414-266-5622
Edward Messina	97	914-993-4099
George Kramer	97	409-772-1906
Irving Joshua	98	502-588-7553
Paul McDonagh	98	602-626-2329

Development:

Joseph Benoit(Chair)	98	318-674-6036
Paul McDonagh	96	602-626-2214
Robert Morff	96	317-276-6704
Glenn Laine	97	409-845-7261
Barbara Carter	97	619-464-8551
Akos Koller	98	914-993-4101

Historical:

Robert Hester (Chair)	96	601-984-1820
Eugene Renkin	97	916-752-1241
Julian Lombard	98	414-456-8530

Membership:

Hans Dietrich (Chair)	96	314-362-3648
Vicky Tucker	96	916-753-2180
Nicole Morel	97	609-258-3658
Donna Wong	97	409-772-7644
John Imig	98	504-584-2591
Joseph Unthank	98	317-630-7866

COMMITTEE TERM TELEPHONE

Nominating:

Ann Baldwin (Chair)	96	602-792-1450
Jeff Falcone	97	502-257-4943
Steven House	97	201-761-9052
David Zawieja	98	409-845-7465

Liaison:

Gerald Meininger(Chair)	96	409-845-7491
Bruce Klitzman (Sec)	97	919-684-6686
Virginia Huxley(IUPS)	96	314-882-8069
James Faber	98	919-966-4453

Long-Range Planning:

Roy Curry (Chair)	05	fax 916-752-5423
Roland Pittman	04	fax 804-828-7382
Herb Lipowsky	03	fax 814-863-0490
Neil Granger	02	fax 318-674-6005
Jim Bassingthwaighte	01	fax 206-685-3300
Harris Granger	00	fax 409-847-7929
Robert Gore	99	fax 602-626-4848
Bill Joyner	98	phone 615-929-6234
Pat Harris	97	fax 502-588-6239
Marcos Intaglietta	96	fax 619-534-5277

Program:

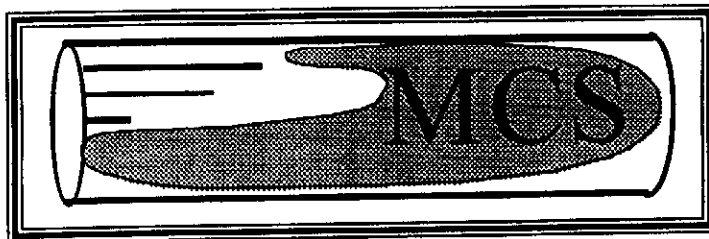
Virginia Huxley (Chair)	96	314-882-8069
Michael Davis	96	409-845-7819
Aleksander Popel	96	301-955-6419
Ingrid Sarelus	97	716-275-7729
Klaus Ley	97	804-924-1722
Mike Hill	98	804-446-5610
Steve Segal	98	203-562-9901;

Publications:

Thomas Harris (Chair)	97	615-322-0842
Ron Korthuis	96	(318)674-6206
Ingrid Sarelus	96	314-882-8069
Harris Granger	97	409-845-7816
Russell Prewitt	98	804-446-5105

IMPORTANT!

Keep and refer to this list in order to communicate your questions or comments to the appropriate Officers and committee Chairs!



News From The World
of Microcirculation

The European Society for Microcirculation will be hosting the 6th World Congress for Microcirculation August 25-30, 1996 in Munich. With Prof. Dr. Konrad Mebmer as Congress President and Prof. Dr. Peter Gaehtgens as Program Chair, we can be assured of a scientifically stimulating and socially memorable meeting. See you there!

AIRFARE FLASH!!!



We have negotiated a *great* deal for high season travel through AAA Travel with Northwest/KLM Airlines for travel to the World Congress.

The following are fixed prices for midweek/weekend roundtrip airfare (minus additional 3% discount, plus \$25-38 tax): Boston \$791/839; New York \$755/803; Washington \$755/803; Atlanta \$797/845; Memphis \$821/868; Detroit \$933/979; Minneapolis \$963/1009; Chicago \$850/897; Houston \$915/963; Los Angeles \$975/1021; San Francisco \$975/1021. Additional cities should also be available. These are fixed prices and space will be somewhat limited, but not nearly as limited as some of the "Special" fares advertised. The next best airline deal was from Delta Airlines for 16%

off the lowest available airfare at the time of booking. But they had already booked most of the cheap seats for travel associated with the Atlanta Olympics. In addition to these low fares, the Society will get one free ticket for award travel for approximately each 30 bought. Help yourself *and* the Society by making use of this great offer. At press time, we were still negotiating with an Asian airline (Thai?) for members coming from Asia. I will provide more information with the next newsletter, but in the mean time, get more information by calling 1-800-899-3853 and be sure to ask for the Anna or Polly in the Corporate Travel Department. You can also provide/receive information via email by contacting Anna Wertenbroch at: fsbtrav@mail.duke.edu, or fax her at 1-919-489-8940. Please provide the following information. NOTE: Next August the Olympics will be in Atlanta, so **BOOK EARLY!** Many Europeans will be coming to the Atlanta games, spending an extra couple of weeks, and going back at the end of August. If you want to keep the costs down, book your flights early!

Names of Travelers: _____

Departure City: _____
Desired Departure Date: _____
Desired Departure Time: _____
Desired Return Date from Munich: _____
Desired Return Time: _____

NAVBO

The North American Vascular Biology Organization (NAVBO) is hosting the IXth International Symposium on the Biology of Vascular Cells which will be held in September, 1996 in the Pacific Northwest (Seattle or Vancouver). More information on this meeting will be forthcoming. NAVBO fosters interactions between molecular biologists, cell biologists, physiologists, and clinical scientists. The major goal of NAVBO is to promote communication, primarily through the planning of scientific meetings and the support of educational activities. More information about NAVBO and application forms for membership can be obtained by writing to:

NAVBO
9650 Rockville Pike
Bethesda, MD 20814-3993

Enclosed is an application for Society membership. Encourage colleagues to join. With membership, you get our journal free. A subscription for non-members is \$85. It is cheaper to pay annual Society dues of \$70, which includes the subscription, than to pay \$85 for a subscription alone. Be sure your colleagues are aware of this advantage of membership!

SOCIETY NOW PROFESSIONALLY MANAGED!

The Society will now be managed by Associated Management Services in Chicago (Arlington Heights), IL. They manage another very large non-profit Society and, as a result, will have substantial resources to draw upon if needed. We will be starting out with minimal administrative support from them, but I hope we will draw upon their expertise more and more. At Associated Management Services, Laura Downes is the contact person. For the time being, the new Microcirculatory Society executive office phone number will be: 708-228-3304.

The following is the most recent version of the Society By-Laws. Keep them as a reference.

BYLAWS OF THE MICROCIRCULATORY SOCIETY, INC.

Approved by the Society membership at the business meeting on March 27, 1993

ARTICLE I. Microcirculatory Society

Section 1. The name of this organization is The Microcirculatory Society, Inc. (hereinafter known as the Society). The official abbreviation for the name is MCS.

ARTICLE II. Purposes

Section 1. The purposes of the Society are to promote an increase in knowledge of the microcirculation and associated phenomena of the blood and other extracellular fluids of the body, and the utilization of such knowledge. The interchange of knowledge, ideas and data can be realized through publication and interaction at national and international scientific meetings.

ARTICLE III. Membership

Section 1. The Society shall consist of regular members, associate members, emeritus members, honorary members, supporting members, and sustaining members.

Section 2. Regular Members. Any person who has contributed to the increase in knowledge of the microcirculation, and is presently engaged in such work, shall be eligible for election to regular membership in the Society. Except in unusual circumstances, a regular member shall hold a doctoral degree. A regular member may attend and participate in the business meetings of the Society and is entitled to one vote.

Section 3. Student Members. Any person who is engaged as a full-time graduate student in a recognized University program, and is actively involved in research on the microcirculation or associated phenomena shall be eligible for election to student membership in the Society. Except in unusual circumstances, a student member shall not hold a doctoral degree. A student member may attend and participate in the business meetings of the Society, but shall not have the right to vote.

Section 4. Associate members. Individuals who are interested in and engaged in work related to the microcirculation, but

who do not meet the requirements for regular or student membership, shall be eligible for election to associate membership. Associate members may attend and participate in the business meetings of the Society but shall not have the right to vote.

Section 5. Emeritus Members. On approval by the Council, a regular member, after 20 years of regular membership or on retirement from regular employment, may, upon his or her written request, become an emeritus member. Emeritus members may attend and participate in business meetings of the Society and shall have the right to vote.

Section 6. Honorary members. Individuals who have distinguished themselves by outstanding contributions in the study of microcirculatory phenomena may be elected honorary members by a special act of commendation. Honorary members may attend and participate in the business meetings of the Society, but shall not have the right to vote.

Section 7. Supporting members. Any regular member who voluntarily contributes \$50.00 or more annually over and above the dues of regular members shall be denoted a supporting member.

Section 8. Sustaining members. Individuals and organizations that have an interest in the purposes of the Society and wish to contribute to its support may be invited by the President, with the approval of the Council, to become sustaining members. Any such membership may be terminated by the President with the approval of the Council. Sustaining members may not attend or participate in business meetings of the Society and shall not have the right to vote.

Section 9. Nomination and election of members. Two regular members of the Society shall join in written proposal of person for regular, student, or associate or honorary membership on appropriate forms provided by the Secretary. The Membership Committee shall receive these proposals and refer them with its recommendations to the President for approval. Those persons whose proposals are approved by the President shall be nominated for election to membership by a mail ballot of the Council. A two-thirds (2/3) majority positive vote by Council shall be required for election.

ARTICLE IV. Officers

Section 1. Council. The management of the Society shall be vested in its Council (all of whom must be regular members of the Society), with powers of direction, consisting of the President, President-Elect, immediate Past-President, Secretary, Treasurer, and six additional regular members elected by the members by mail vote of the membership. The President and President-Elect shall not succeed themselves after having served a full term. The terms of President and President-Elect shall be for one year. The

Secretary and Treasurer shall be elected to two-year terms and these officers may succeed themselves for one term. The Secretary and Treasurer shall be elected on an alternating year basis, and the terms of the six additional elected Councillors shall be three years, so elected that only two Councillors are elected each year. Councillors may not succeed themselves to serve consecutive terms. All terms of office shall begin at the close of the annual meeting of the Society which follows the mail ballot for election. The Council, by majority vote of its remaining qualified members, shall fill any interim vacancy in the office of the President-Elect, the Secretary, the Treasurer, and the Clerk, and may fill a vacancy of a Councillor. The term of office of a person elected to fill an interim vacancy shall expire following the tally of a mail ballot to elect his/her successor.

Section 2. Executive Committee. The Executive Committee of the Society shall be defined as the principal officers, namely the President, the President-Elect, the Past-President, the Secretary and the Treasurer. They shall attend to the ordinary running of the Society, making the decisions required for its smooth functioning. All major decisions shall be subject to the approval of Council or the full membership.

Section 3. President. The President shall preside at all meetings of the Council and business meetings of the Society, and shall be an ex-officio member of all standing committees, and shall have other duties as prescribed in the appendix of these bylaws. The President, after consultation with the Council, shall appoint members of the standing committees where called for in these bylaws.

Section 4. President-Elect. The President-elect shall plan the Annual Meeting of the Society, and undertake other such duties as may be delegated by the President. The President-Elect shall become the next regular President of the Society after completion of the regular term as the President-Elect. In the absence or during the disability of the President, the President-Elect shall have all of the powers and perform all of the duties of the President. Any service as an interim president of the Society shall not reduce the term of the President-Elect as the next regular President of the Society.

Section 5. Past President. The immediate Past President shall chair the Long-range Planning Committee and shall review, and where needed, recommend revisions of the Society's Bylaws, as described in Article X, Section 2.

Section 6. Secretary. The Secretary shall give bond to the Society, if required by the Council, for the faithful performance of his/her duties. The Secretary shall have custody of all documents and papers belonging to the Society (except his/her own bond which shall be kept by the President) and shall safely keep the same, and disburse the orders and rules of the Council. The Secretary shall have

custody of a bank account to meet the day-to-day operational expenses of the Society. The Secretary shall give notice of all meetings as required by the bylaws, send out the various customary mailings to the membership, and shall mail to the membership whatever the President or Council desires. The Secretary shall also keep a complete list of the name, title and address of each member of the Society. The Secretary shall keep the minutes of the Council and of Business Meetings of the Society and shall have other duties as prescribed in the Operations Manual. In the absence of the Secretary, the President shall appoint a temporary secretary to record the minutes.

Section 7. Treasurer. The Treasurer shall give bond to the Society, if required by the Council, for the faithful performance of his/her duties. The Treasurer shall have custody of all monies (except a bank account to meet the day-to-day operational expenses of the Society), debts, obligations, contracts, and other property belonging to the Society (except his/her own bond which shall be kept by the President) and shall safely keep the same, and shall collect all properties and all monies from time to time due and owing to the Society. The Treasurer shall be chair of the Finance Committee to disburse the provision of Article VI, Section 4 of these bylaws.

Section 8. Clerk. The Clerk shall be a resident of the Commonwealth of Massachusetts, and need not be a member of the Society. (The office is required as a condition of incorporation by the Commonwealth of Massachusetts.) The duties of the Clerk of this Society shall be those required by the statutes of the Commonwealth of Massachusetts. Such duties, to the extent permitted by law, may be assigned to others by the Council. The Clerk shall be appointed annually by the President of the Society, and may serve in the Council and Business Meetings, without vote except as a member of the Society.

Section 9. Nomination and election of Officers and Councillors. Nomination for all Officers and Council members of the Society will be obtained by mail on or before December 1 by requesting the membership to propose nominees. The request for nominations will be made in the Society Newsletter preceding the December 1 deadline. Nominations will be sent to the Secretary or to the Chair of the Nominating Committee. For each office, the two persons (who agree to stand for election) with the highest number of nominations will be included on the ballot. In years in which two members of the Council are to be elected, a total of not more than four nominees will be included on the ballot. Once the nominations are complete, each member will receive and return by mail the ballot of officers and Council members. The ballots will be returned to the Secretary or to the Chair of the Nominating Committee for tabulation and determination of outcome. In the event that a majority vote for a given office is not obtained by the mail vote, a secret ballot election will be held as part of the next

annual business meeting.

ARTICLE V. Council

Section 1. Management of the Society. The property and affairs of the Society shall be managed and conducted by the Council with powers of directors. The members of the Council shall serve without compensation and shall be called Councillors.

Section 2. Qualifications, Elections and Vacancies. Specified in Article IV, Section 1 and Section 9.

Section 3. Meetings. At least one regular meeting of the Council shall be held during each annual meeting of the Society members, and for this regular meeting no notices shall be required. Other meetings of the Council shall be held as often as the needs of the Society may require. They may be held at regular intervals determined by the Council, or they may be called by the President or any three members of the Council. The Secretary shall notify each Councillor of each meeting of the Council. A notice in writing, postage prepaid at least 14 days before the meeting, and addressed to each members most recent recorded address shall be sufficient notice of the meetings. Notice of any meeting may be dispensed with if each member of the Council, by writing filed with the records of the meeting, waives such notice. No notices shall be required to be given of any adjourned meeting of the Council.

Section 4. Quorum. A majority of the Council shall constitute a quorum for the transaction of business, but a lesser number may adjourn any meeting from time to time, and a meeting may be held as adjourned without further notice. A majority vote of Councillors in attendance (unless otherwise specified elsewhere), with each entitled to one vote, shall decide any question brought before the Council, except that a majority of the qualified Councillors shall be required for temporarily filling a vacancy of an office. In the event of a tie vote, the President shall then be entitled to two votes.

ARTICLE VI. Standing Committees

Section 1. Standing Committees. Standing committees and their Chairs shall be appointed by the President in consultation with the Council. The term of all standing committee members, except as otherwise provided elsewhere, shall be for three years. However, on adoption of these bylaws, the term shall be one, two, or three years for various committee members, as determined by the Council, so as to provide continuity of committee operation. Emeritus, Honorary, and Sustaining members may be appointed from time to time for terms up to one year. Sustaining members

so appointed shall not have the right to vote. The President shall be an ex-officio member of all committees. Guidelines for committee operation shall be approved by Council.

Section 2. Membership Committee. A Membership Committee, composed of three or more regular members of the Society, shall receive and review proposals for nomination to membership, and shall recommend regular, associate, and student nominees for membership to the Society according to Article III, Section 9.

Section 3. Finance Committee. A Finance Committee consisting of the Treasurer (who shall Chair the Committee) and two or more regular members appointed by the President shall receive and evaluate the impact of the various proposed budgets, shall determine the budgets and make recommendations and shall recommend a budget to the Council. This Committee shall supervise the capital investments of the Society, subject to the full authority of direction by the Council.

Section 4. Nominating Committee. A Nominating Committee composed shall consist of three or more regular members, none of whom shall simultaneously be an officer of the Society or the immediate Past-President. This Committee shall obtain nominations and conduct elections for officers and councillors as prescribed in Article IV, Section 9.

Section 5. Liaison Committee. The Liaison Committee shall consist of the President (who shall serve as Committee Chair), the MCS representative to the US National Committee for the International Union of Physiological Sciences (USNC for IUPS), and the Secretary of the Society, and may include any other Council members at the pleasure of the President. This Committee shall maintain communication with scientific organizations that have interests in common with the Society, and shall officially represent the Society in the international community.

Section 6. Long-range Planning Committee. The Long-range Planning Committee shall consist of the ten (10) most recent Past-Presidents and shall be chaired by the immediate Past-President of the Society. This committee shall consider all aspects of society affairs to identify major issues of importance to the Society and to recommend future strategies and new policy directions for society function.

Section 7. Development Committee. The Development Committee shall consist of three or more regular members of the Society. This committee shall seek new supporting and sustaining members of the Society, and shall consider and recommend fund-raising activities for Council consideration. Upon request of the President, this committee shall implement Council-approved fund-raising activities on behalf of the Society.

Section 8. Historical Committee. The Historical Committee shall consist of three or more regular members of the Society. This committee shall seek, identify, and obtain information, documents, films, and other items which have historical significance to the Society. This committee shall maintain updated lists of past officers and recipients of Society Awards.

Section 9. Awards Committee. An Awards Committee, composed of six regular members, shall solicit from the voting membership the names of candidates for any awards that the Council has authorized. After selection of the candidates is made by the Awards Committee, the names of the candidates shall be approved by the President and the Council prior to any announcement of the awardees. Announcements of the winners of awardees should be made known to voting members of the Society prior to the Annual Society scientific meeting.

Section 10. Program Committee. The Program Committee shall be chaired by the President-Elect of the Society, serving a 1 year term. Members of the Committee shall be appointed for 3 years, by the President. The Committee shall: a) Serve as the liaison to the program committees of other societies or associations with whom the MCS may meet; b) Make recommendations, to be approved by the Executive Committee of the MCS, with respect to: program style and format, commitments to other societies, local arrangements, appointments to the program committees of umbrella associations.

Section 11. Publications Committee. The Publications Committee shall consist of a Chair and at least two other members of the Society, appointed by and responsible to the Council of the Society. The Chair of the Committee is an ex-officio member of Council, without vote. The President, Treasurer, and Secretary of the Society are ex-officio members of the Committee, without vote. The duties are to oversee the journals and other publications of the Society, particularly with respect to the scientific quality of the journals and the fiscal interests of the Society. They shall appoint Editors and editorial boards, prepare an annual summary report and an annual financial report, and in general, manage the publications of the Society under the policies determined by Council.

Section 12. Representative of the MCS to the US National Committee of the International Union of Physiological Sciences. This position is to be filled by an appointee of the President of the MCS. The appointment is for three years, or four, designed to fit with the time interval between IUPS Congresses. The appointee should be a senior member of the Society, suitable to represent the Society's interests in international planning not only of scientific meetings but in providing international leadership in science and education. Reappointment for a second term is allowable, in accord with IUPS committee rules.

Section 13. Other Committees. The President may appoint temporary (ad hoc) committees as desired. The term of office of these temporary committees shall end with the next annual business meeting of the Society following such appointment, or earlier as the President desires.

ARTICLE VII. Dues

Section 1. Annual Dues. Dues for members, in accordance with Article III, shall be proposed by the Council but shall be determined by majority vote of those voting at the annual business meeting of the Society. Dues shall be paid October 1 for the current fiscal year and shall be in arrears on December 31. Special assessments may be proposed by the Council but shall be determined by majority vote of those voting at the annual business meeting of the Society.

Section 2. Non-payment of Dues. Any member whose dues are two years in arrears shall cease to be a member of the Society, unless that person pays all dues in arrears and is reinstated by the Treasurer. The Treasurer shall notify the delinquent of the right to request reinstatement of membership at least one time after dues are two years in arrears.

Section 3. Emeritus Members. A regular member who has been granted emeritus membership will be relieved from dues payment for the current and subsequent fiscal years.

ARTICLE VIII. Meetings of Society Members

Section 1. Annual Meeting of Members. The Society shall hold an annual meeting of members, for the transaction of business, and for presentation of scientific communications and related activities. Such annual meetings shall be held each year at a time and place designated by the Council and approved by the membership. The time and place for the annual meeting shall be chosen at least twelve months in advance at an annual business meeting. The place, day, and hour shall be specified in the notice of any meeting of the Society.

Section 2. Special Meetings of Members. Special meetings of members shall be called by the Secretary or any other officer upon the request of the President or the Council or on the written request of one-quarter of the members entitled to vote. The current list of members with their addresses shall promptly be made available to any member entitled to vote, on request, but shall not be utilized by anyone for purposes not directly pertaining to the business of the Society without the written permission of the President.

Section 3. Notice to Members. Notice of all a meetings of the members shall be mailed to each member not less than

30 nor more than 180 days before the meeting, but no notice shall be required if every member entitled thereto, or his/her attorney thereunto, authorizes, by a writing which is filed with the records of such a meeting, a waiver of such notice.

Section 4. Quorum for Annual and Special Meetings. At all meetings of members of the Society, 40 regular members, present in person and entitled to vote, shall constitute a quorum, but less than a quorum shall have power to adjourn from time to time until a quorum be present. No member shall cast a ballot by proxy at any meeting of the Society.

Section 5. Parliamentary Authority. The rules contained in Roberts Rules of Order, Revised, shall govern the conduct of the business meetings of the Society in all cases to which they are applicable and in which they are not inconsistent with the bylaws or special rules of order of the Society.

ARTICLE IX. Miscellaneous

Section 1. Prohibitions. Notwithstanding any provision of these bylaws which might be susceptible to contrary interpretation:

- a. The Society is organized and operated exclusively for scientific and educational purposes.
- b. No part of the net earnings of the Society shall accrue to the personal benefit of any member except as provided by Society awards (Article VI, section 9).
- c. No substantial part of the activities of the Society shall consist of carrying on propaganda, or otherwise attempting to influence local, state, or national legislation, except with respect to science policy or to other special issues such as the obligations to perform biological experimental studies. The Society shall not participate in or intervene in any campaign of any candidate for governmental public office.
- d. No substantial part of the activities of the Society shall consist of carrying on propaganda, or otherwise attempting to influence local, state or national legislation. The Society shall not participate in or intervene (including the publishing or distribution of statements) in any campaign of any candidate for governmental public office.
- e. The Society is not organized for, nor is it to be operated for profit.
- f. The membership list of the Society shall not be supplied to anyone for any purpose except as provided under Article VIII, Section 2, or except as specifically provided by Council.

Section 2. Fiscal Year. The fiscal year of the Society shall end with the 30th day of June of each year.

Section 3. Audit. All statements of net assets and related statements of income, expenditures, fund capital, and liabilities shall be audited annually in accord with the statutes of the Commonwealth of Massachusetts. The audit will be made annually by the Finance Committee and every

third year by an independent auditing firm.

Section 4. Term of Office. Where a term of office is stated in years, a year is to be considered as extending from the end of one annual business meeting to the end of the following one.

Section 5. Operations Manual. The Secretary of the Society shall maintain an operations manual providing outlines of procedures found useful by the Executive, Council, and Committees of the Society.

ARTICLE X. Amendments.

Section 1. Amendments. These bylaws may be amended, altered or repealed at any business meeting of the Society members by a vote of two-thirds (2/3) of the regular members in attendance and entitled to vote, provided notice of the proposed repeal, alteration or amendment, with a statement of the substance thereof and of the Articles to be affected thereby, is given in the call for the meeting. Approved bylaw changes will be added to the published bylaws by the immediate Past-President as stipulated in Article IV, Section 5.

Section 2. The Past-President shall review the Society Bylaws, incorporate approved changes following the annual business meeting of the Society, and submit a complete copy of the Bylaws to the President at least 3 months prior to the next annual meeting. Any proposed changes that require Council and membership approval shall be presented in a complete copy of the Bylaws, labeled proposed revisions. All words and phrases deleted from existing approved Bylaws shall be indicated by a horizontal line through them. All new words and phrases shall be indicated by continuous underlining or italics.